

ABSTRACT OF THE DISCLOSURE

Between a transmitting device and a receiving device,
a first authentication and key exchange procedure depending
5 on a radio link layer network is carried out, and then a
whole or a part of a second authentication and key exchange
procedure depending on the copyright protected contents
data is carried out by using the cipher communication using
a first encryption key that is shared between the
10 transmitting device and the receiving device by the first
authentication and key exchange procedure, so that the
contents data transfer by the cipher communication using a
second encryption key can be carried out only between
legitimate pair of the transmitting device and the
15 receiving device that can successfully complete the first
authentication.

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